

QUIZ

What will this code print?

```
$attributes = ["height" => 33, "width" => 44, "depth" => 62, "color" => "black"];  
foreach ($attributes as $attribute) {  
    echo $attribute . ", ";  
}
```

height, width, depth, color,

33, 44, 62, black,



The values of the array get assigned to `$attribute`.

What is wrong with this code? It is meant to print the numbers from 1 to 100.

```
$count = 1;  
while ($count <= 100) {  
    echo $count;  
}
```

The conditional makes the loop stop at 99.

`$count` should be initialized to 0 instead of 1.

The value of `$count` is never incremented.



A `while` loop does not automatically increment the `$count` variable.

This code iterates through an array of words and prints them. Fill in the code so that if the word is "sayNoMore" it is not printed itself and no more words are printed.

```
foreach ($words as $word) {  
    if ($word === "sayNoMore") {  


break

 ;  
    }  
    echo $word;  
}
```



You got it!

This code iterates through an array of words and prints them. Fill in the code so that if the word is "Macbeth" it is skipped and not printed. The remaining words should be printed.

```
foreach ($words as $word) {  
    if ($word === "Macbeth") {  
        continue ;  
    }  
    echo $word;  
}
```



You got it!

What type of loop executes its code block at least one time?

while

foreach

for

do...while



The **do...while** loop always executes the code block on the first iteration.

What type of loop would be best for iterating over an array?

do...while

while

for

foreach



A **foreach** loop is uniquely suited to iterating over an array.

Fill in the code to make the `for` loop count from 10 down to 2.

```
for ( $i = 10 ; $i >= 2 ; $i-- ) {  
  echo $i;  
}
```



You got it!

How many times will the code block execute with a number being printed?

```
$number = 2;  
while ($number < 20) {  
  echo $number . "\n";  
  $number = $number * 2;  
}
```

5

4



The code will print "2", "4", "8", and "16". 32 breaks the conditional and the loop terminates.